

FORM NO. 51-4AA
FEB 1952

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY
SECURITY INFORMATION

50X1-HUM

REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 5 May 1952

SUBJECT The Bauxite Requirements in the DLR for the
Production of Aluminum, Carborundum and Fireproof
Pottery from 1951 to 1955

NO. OF PAGES 1

DATE OF INFO.

NO. OF ENCLS. 1 50X1-HUM
(LISTED BELOW)

**PLACE
ACQUIRED**

**SUPPLEMENT TO
REPORT NO.**

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

50X1-HUM

1. For the production of aluminum, electro-Carborundum, refined Carborundum, and certain types of fireproof pottery, the DDR needs to import bauxite, since the processing of native alumina is at present uneconomic because of the necessity of using sodium and sulphur, both of which materials are scarce. Bauxite is not found in the DDR, and it has not proved possible to import it from the West; the entire supply is therefore obtained from Hungary.*
2. Bauxite requirements are calculated on a basis of four tons of bauxite for the production of each ton of aluminum and two tons for each ton of Carborundum or fire-resisting material. Thus, the requirements from 1951 to 1955, are calculated as in the table below. The planned imports are added; a margin is allowed to enable production to continue without interruption during the end-of-the-year periods. Of the electro-Carborundum produced, 60% is regularly exported to the USSR, 10% goes to the SAGs, and 30% to the VEBs.

* Comment: The price paid to Hungary for the imported bauxite is quoted as 70.8 rubles per ton. 50X1-HUM

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY

[illegible]

SECRET/CONTROL - U.S. OFFICIALS ONLY

ATTACHMENT

50X1-HUM

Calculated Bauxite Requirements, 1951 to 1955
(in tons)

<u>Year</u>	<u>Planned Aluminum Production</u>	<u>Planned Electro-Carborundum Production</u>	<u>Planned Refined Carborundum Production</u>	<u>Planned Fireproof Pottery Production</u>	<u>Bauxite Required</u>	<u>Total Planned Import of Bauxite</u>
1951	5,000				20,000	
		13,000			26,000	
			1,000		2,000	
				1,000	2,000	50,000
	15,000				60,000	
1952		15,000			30,000	
			2,000		4,000	
				1,500	3,000	97,000
	25,000				100,000	
1953		17,000			34,000	
			3,000		6,000	
				1,800	3,600	143,600
	30,000				120,000	
1954		20,000			40,000	
			4,000		8,000	
				2,000	4,000	172,000
	30,000				120,000	
1955		20,000			40,000	
			4,000		8,000	
				2,500	5,000	173,000
	105,000	85,000	14,000	8,800	635,600	652,000

SECRET/CONTROL - U.S. OFFICIALS ONLY